Lotus pedunculatus

Habitus and growth type

Plant height [m]: **0.44**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **27.15**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.1**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **5.1**
Moisture indicator value: **7.9**
Reaction indicator value: **4.9**
Nutrient indicator value: **3.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.59**

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Disturbance frequency (herb layer): **1.91**
Disturbance severity: **0.5**
Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.87**
Grazing pressure: **0.26**
Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, IA (ALN) *Alnetea glutinosae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R35 Moist or wet mesotrophic to eutrophic hay meadow, R37 Temperate and boreal moist or wet oligotrophic grassland**
Constant species of EUNIS habitats: **R1T Azorean open, dry, acid to neutral grassland, R35 Moist or wet mesotrophic to eutrophic hay meadow, R37 Temperate and boreal moist or wet oligotrophic grassland, S43 Macaronesian heath**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire, Grassland (non-alpine, non-saline), Heathland, Forest**

Distribution

Continentality: **4**
Continentality amplitude: **4**

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